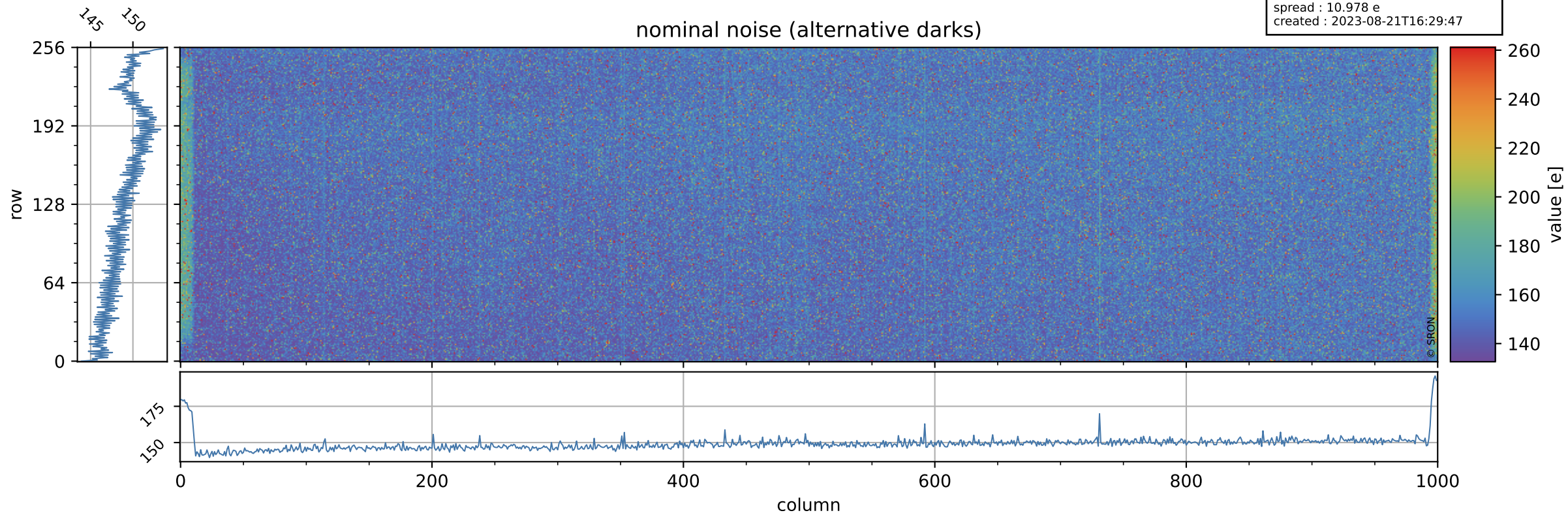


Tropomi SWIR background noise (swir)

orbits : 13 in [23272, 23362]
coverage : 2022-04-11 / 2022-04-16
n_coad, t_exp : 1, 1.0783
median : 148.87 e
spread : 10.978 e
created : 2023-08-21T16:29:47

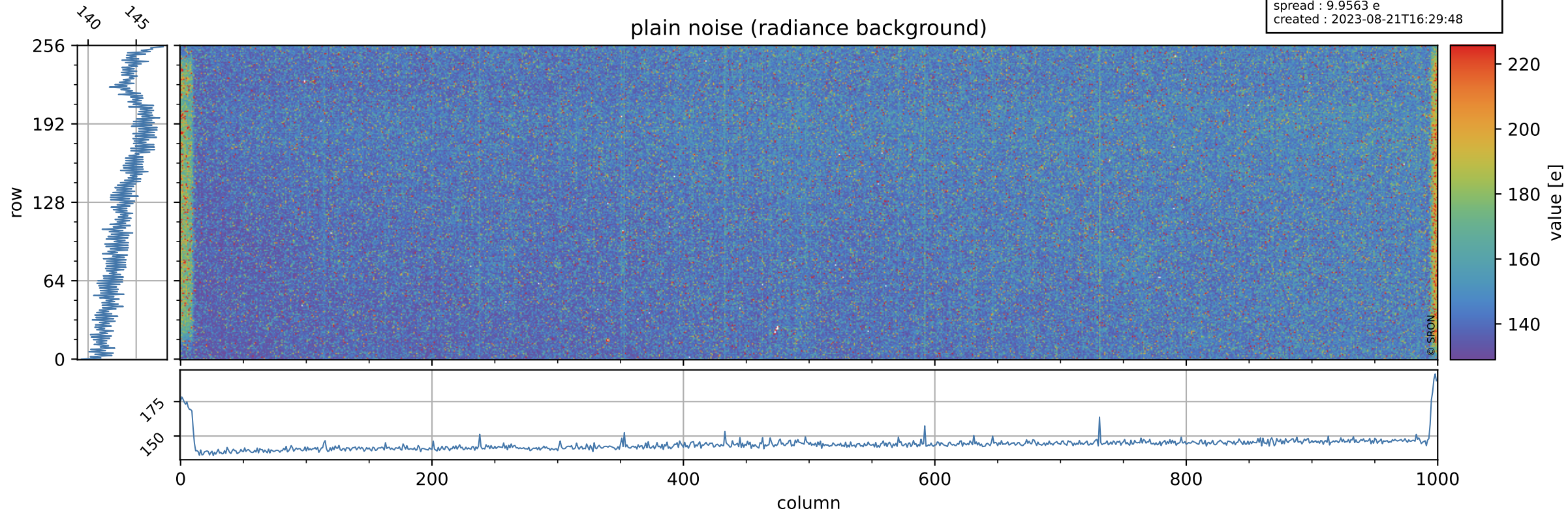
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 13 in [23272, 23362]
coverage : 2022-04-11 / 2022-04-16
n_coad, t_exp : 1, 0.8383
median : 143.71 e
spread : 9.9563 e
created : 2023-08-21T16:29:48

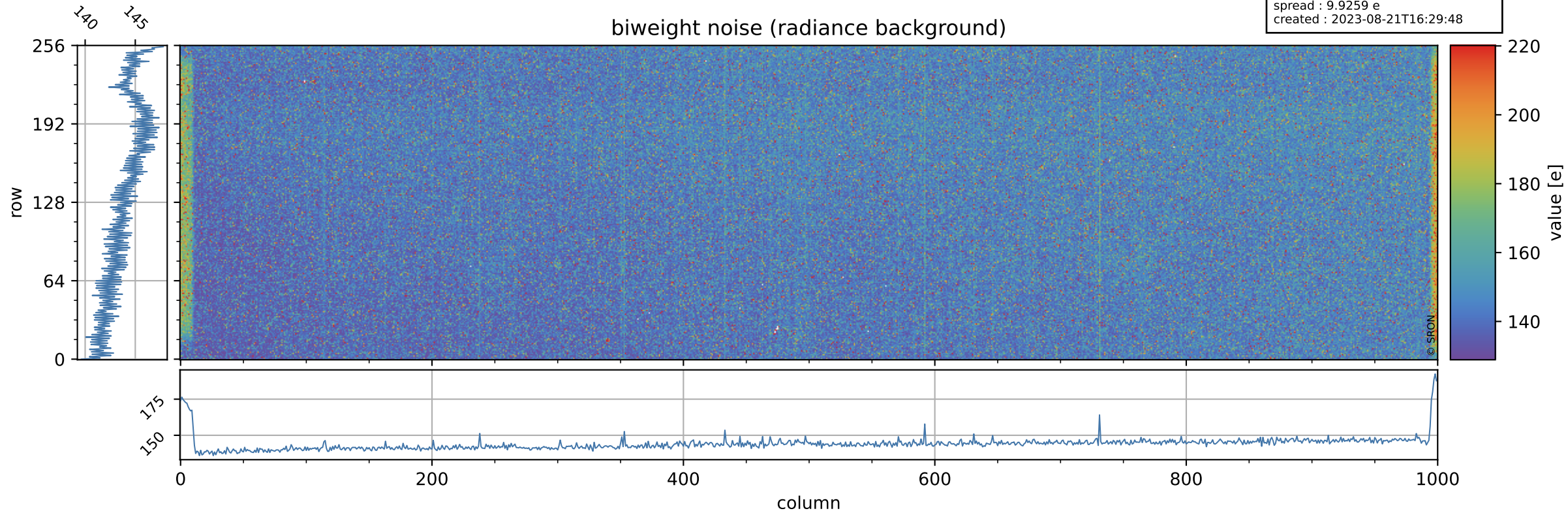
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [23272, 23362]
coverage : 2022-04-11 / 2022-04-16
n_coad, t_exp : 1, 0.8383
median : 143.83 e
spread : 9.9259 e
created : 2023-08-21T16:29:48

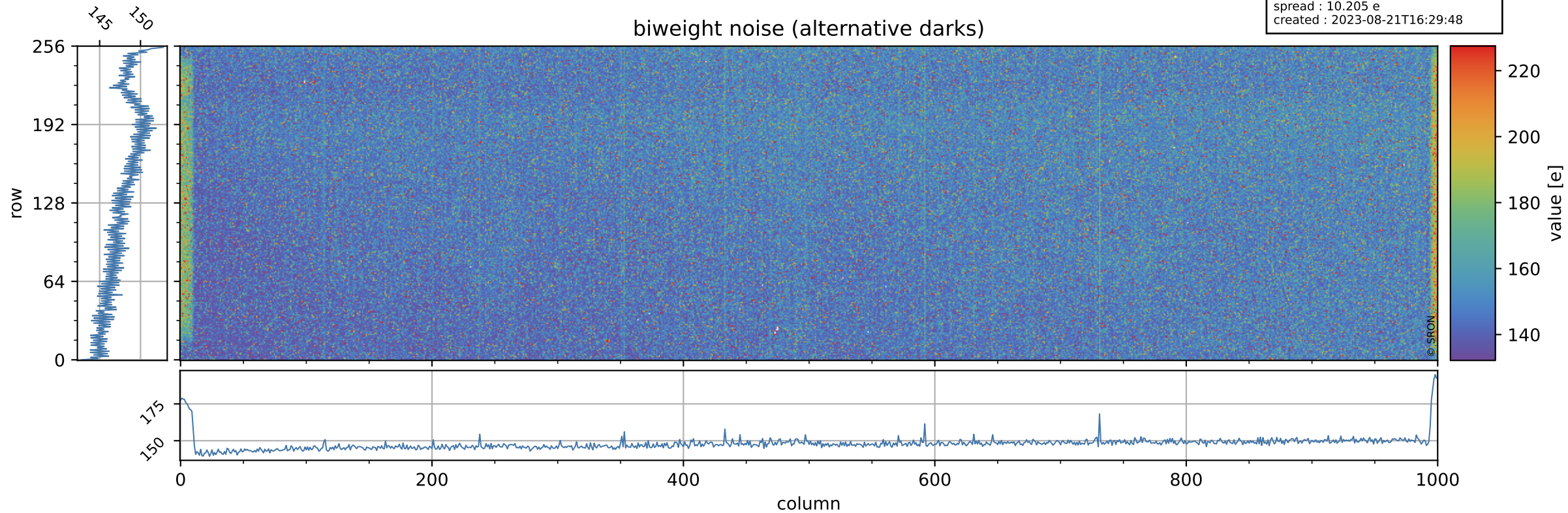
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 13 in [23272, 23362]
coverage : 2022-04-11 / 2022-04-16
n_coad, t_exp : 1, 1.0783
median : 147.74 e
spread : 10.205 e
created : 2023-08-21T16:29:48

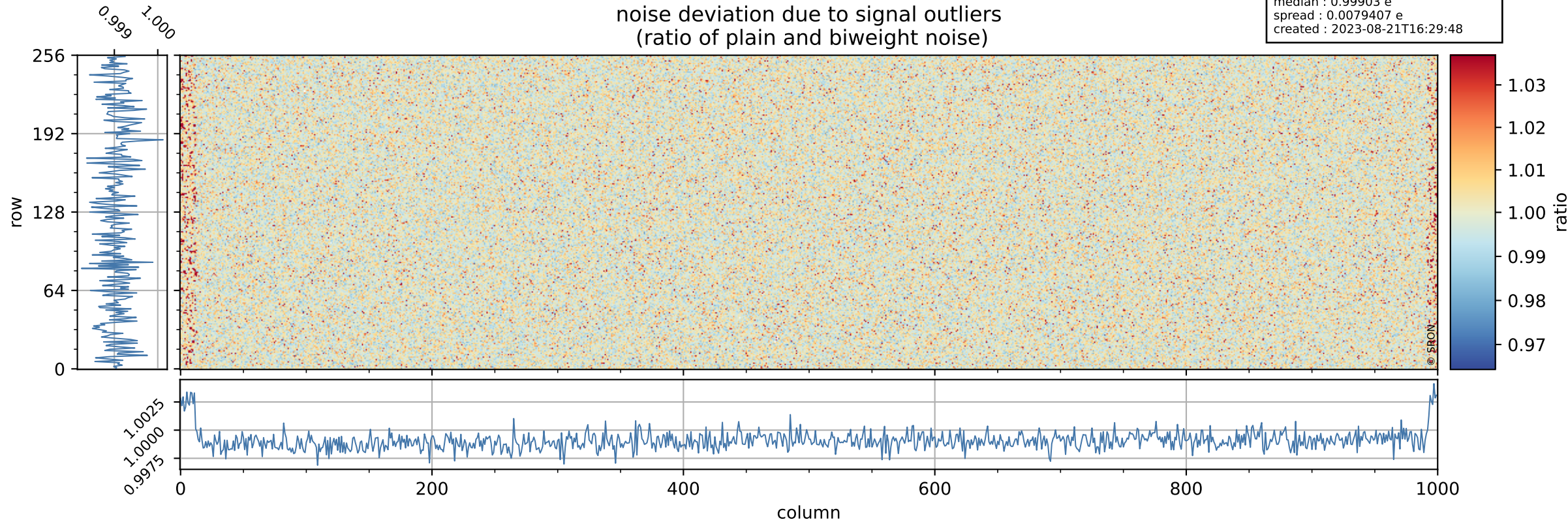
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

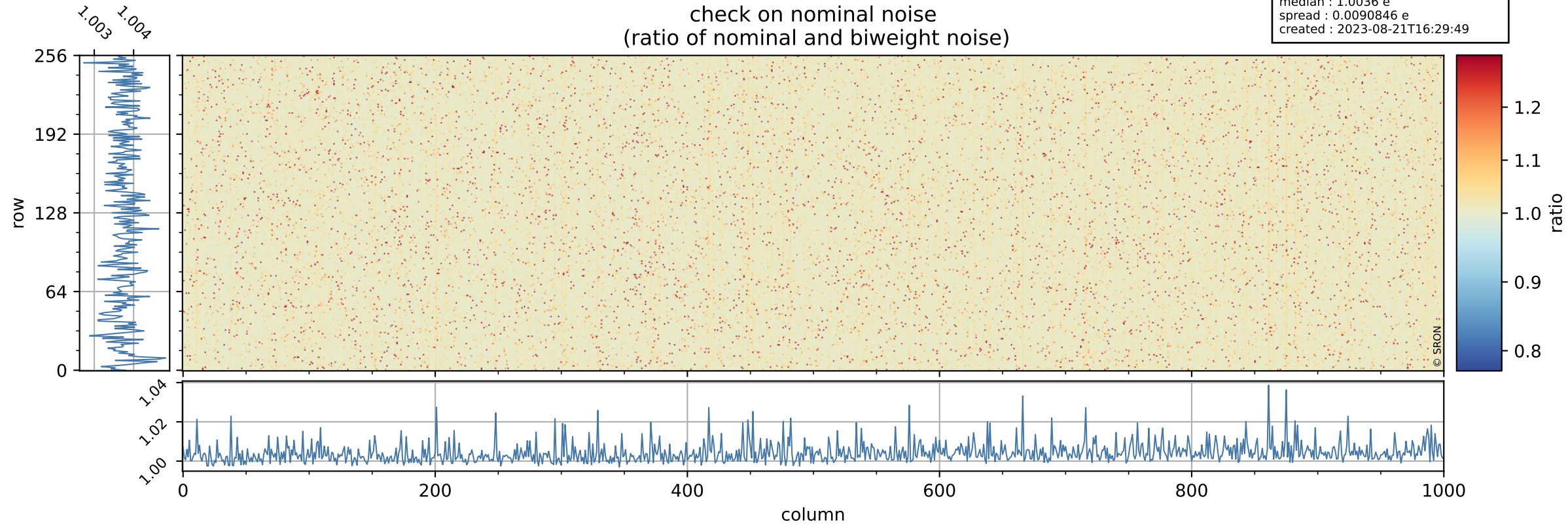
orbits : 13 in [23272, 23362]
coverage : 2022-04-11 / 2022-04-16
median : 0.99903 e
spread : 0.0079407 e
created : 2023-08-21T16:29:48



Tropomi SWIR background noise (swir)

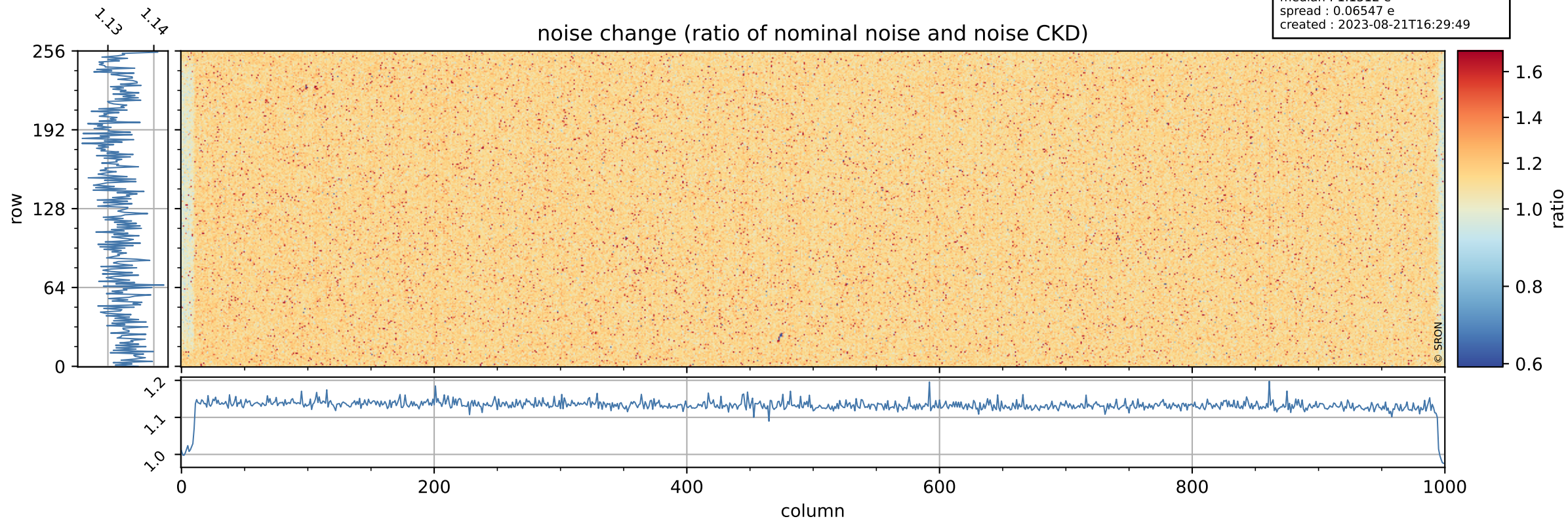
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 13 in [23272, 23362]
coverage : 2022-04-11 / 2022-04-16
median : 1.0036 e
spread : 0.0090846 e
created : 2023-08-21T16:29:49



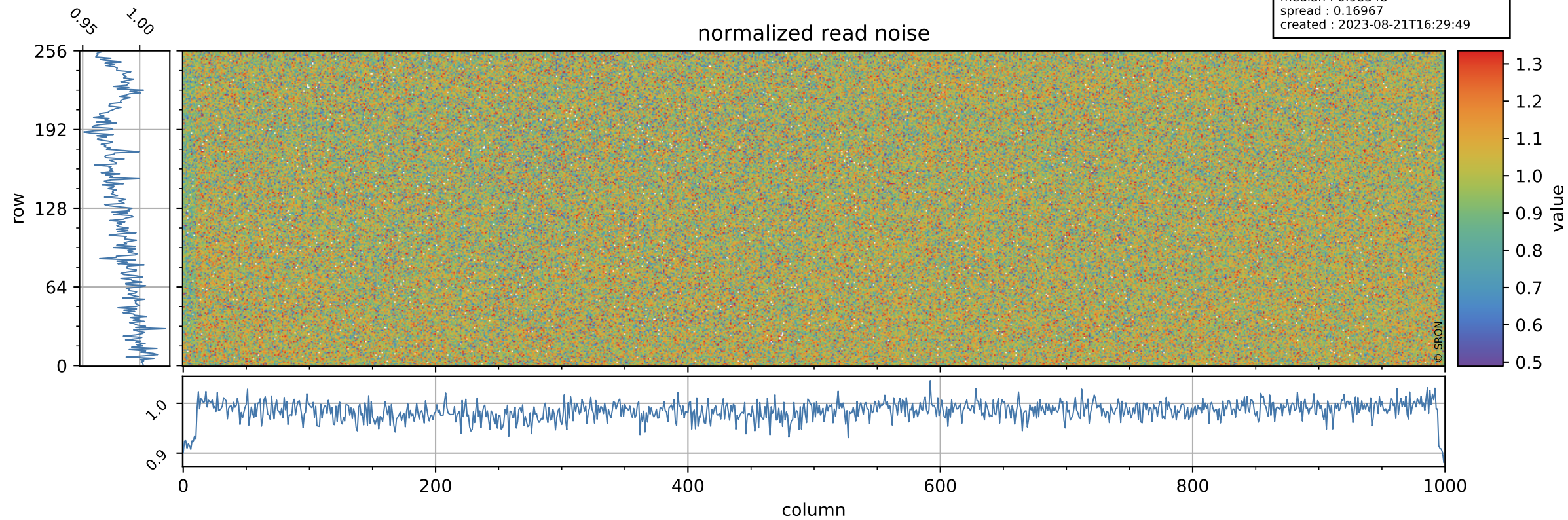
Tropomi SWIR background noise (swir)

orbits : 13 in [23272, 23362]
coverage : 2022-04-11 / 2022-04-16
median : 1.1312 e
spread : 0.06547 e
created : 2023-08-21T16:29:49



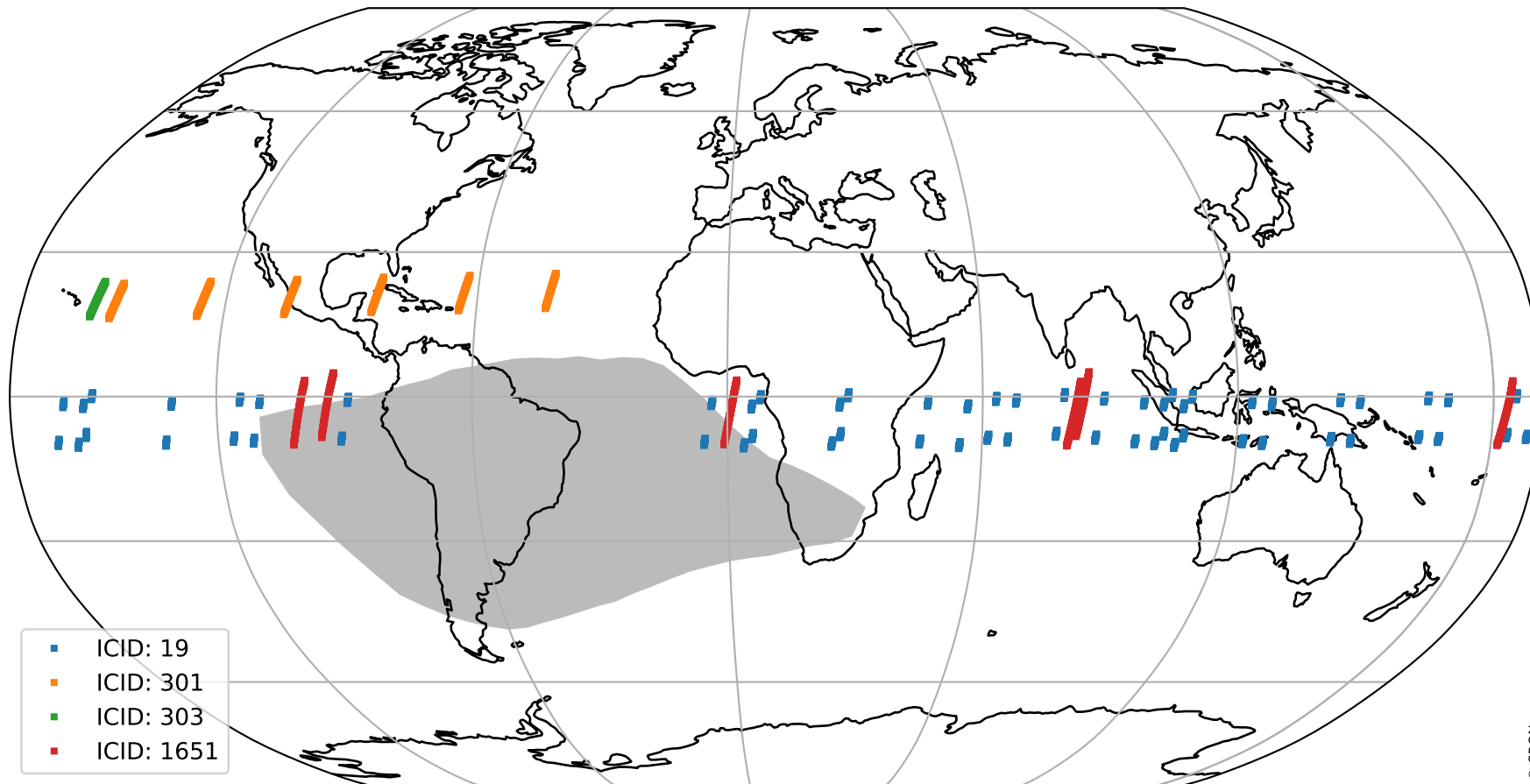
Tropomi SWIR background noise (swir)

orbits : 13 in [23272, 23362]
coverage : 2022-04-11 / 2022-04-16
median : 0.98348
spread : 0.16967
created : 2023-08-21T16:29:49



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

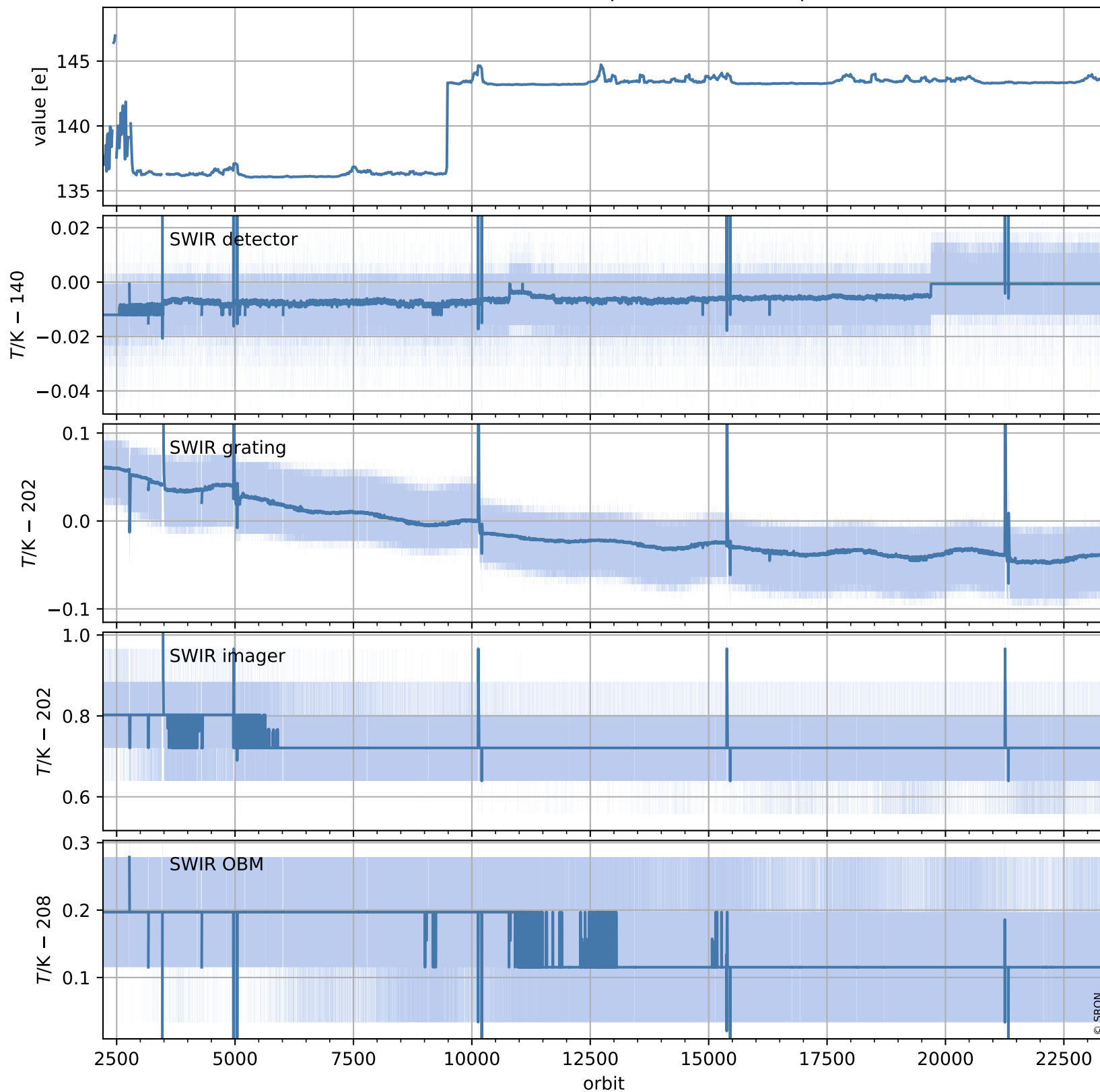
orbits : 13 in [23272, 23362]
coverage : 2022-04-11 / 2022-04-16
created : 2023-08-21T16:29:50



Tropomi SWIR background noise (swir)

orbits : [2212, 23362]
coverage : 2018-03-18 / 2022-04-16
created : 2023-08-21T16:29:50

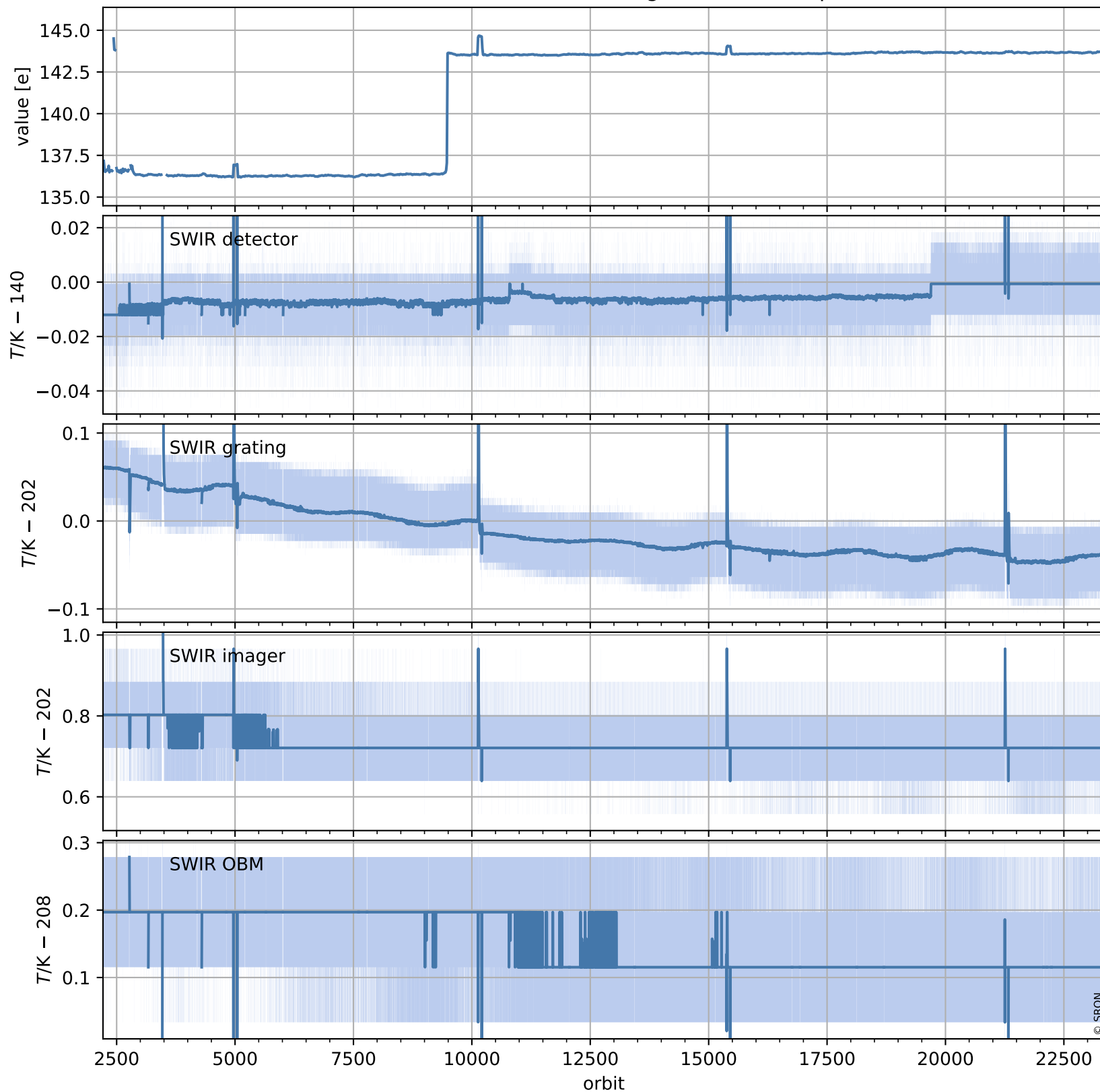
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23362]
coverage : 2018-03-18 / 2022-04-16
created : 2023-08-21T16:29:51

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 23362]
coverage : 2018-03-18 / 2022-04-16
created : 2023-08-21T16:29:52

trend of normalized read-noise & temperatures

